

Title (en)
WIRELESS COMMUNICATION METHOD FOR SIMULTANEOUS DATA COMMUNICATION, AND WIRELESS COMMUNICATION TERMINAL USING SAME

Title (de)
DRAHTLOSKOMMUNIKATIONSVERFAHREN ZUR GLEICHZEITIGEN DATENKOMMUNIKATION UND DRAHTLOSKOMMUNIKATIONSSENDGERÄT MIT VERWENDUNG DAVON

Title (fr)
PROCÉDÉ DE COMMUNICATIONS SANS FIL POUR COMMUNICATION SIMULTANÉE DE DONNÉES, ET TERMINAL DE COMMUNICATIONS SANS FIL L'UTILISANT

Publication
EP 3185637 A4 20180404 (EN)

Application
EP 15833905 A 20150813

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- KR 2015008498 W 20150813

Abstract (en)
[origin: EP3185637A1] The present invention relates to a wireless communication method for simultaneous data communication and a wireless communication terminal using the same, and more particularly, to a wireless communication method for suppressing interference between terminals and ensuring fairness when performing data simultaneous communication for spatial reuse of communication system and wireless communication terminal using the same. For this, provided are a wireless communication method and a wireless communication terminal using the same. The method includes: receiving a wireless signal of a specific channel; extracting basic service set (BSS) identifier information of the received wireless signal; when the BSS identifier information of the wireless signal is different from BSS identifier information of the terminal, extracting length information from the wireless signal wherein the length information represents information relating to a transmission completion time point of the wireless signal; and adjusting a data transmission period of the terminal based on the extracted length information.

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CPC (source: EP KR US)
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Citation (search report)

- [Y] JOHN SON (WILUS INSTITUTE): "Further Considerations on Enhanced CCA for 11ax ; 11-14-0847-01-00ax-further-considerations-on-enhanced-cca-for-11ax", IEEE DRAFT; 11-14-0847-01-00AX-FURTHER-CONSIDERATIONS-ON-ENHANCED-CCA-FOR-11AX, IEEE-SA MENTOR, PISCATAWAY, NJ USA, vol. 802.11ax, no. 1, 15 July 2014 (2014-07-15), pages 1 - 12, XP068069563
- [Y] JAMES WANG (MEDIATEK): "Spatial Reuse and Coexistence with Legacy Devices ; 11-14-0637-00-00ax-spatial-reuse-and-coexistence-with-legacy-devices", IEEE DRAFT; 11-14-0637-00-00AX-SPATIAL-REUSE-AND-COEXISTENCE-WITH-LEGACY-DEVICES, IEEE-SA MENTOR, PISCATAWAY, NJ USA, vol. 802.11ax, 13 May 2014 (2014-05-13), pages 1 - 10, XP068069342
- See also references of WO 2016028032A1

Cited by
US10542526B2; EP3226641A4; US11317441B2; US11375544B2; US11812471B2

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DOCDB simple family (application)
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